

Abstract Of The Disclosure

Receptacles are precisely filled with particulate material by feeding the material from a supply source across a deflectable, curved weigh pan and discharging a continuous flow of material from the weigh pan along a pathway. Receptacles, which may be the final containers or intermediate receptacles, are continually fed by a conveyor into the pathway so that material flows into each receptacle opening. The amount of material flowing along the pathway is measured by deflection of the pan, and the speed of the receptacle conveyor is quickly adjusted responsive to the deflection of the pan, thereby controlling the time that a given receptacle is within the pathway and the precise amount of material placed into the receptacle. The amount of material flowing to the pan from the supply source can also be controlled responsive to the pan deflection.